

Amendments to the Claims

Claim 1 (**Currently Amended**) A projection display device comprising:

a white light source;

a condensing means for condensing light emitted from the white light source to form a condensed spot on a color wheel including a plurality of color filters having respective colors;

a color selection means for selectively passing through light of each color band of the light of the condensed spot ~~which has been condensed by the condensing means~~, in a predetermined order, by rotating the ~~a color wheel including of plural color filters that are placed in the form of disc and have respective colors~~;

an illumination means for condensing the light which has passed through the color selection means ~~and illuminating a spatial light modulator~~;

a spatial light modulator for modulating the light ~~incident~~ from the illumination means incident thereon; ~~and~~

a projection means for projecting the light modulated by the spatial light modulator onto a screen; and

~~said projection display device including a shading means for, when a~~ the size of the condensed spot on the color wheel has increased due to an increase in ~~has become larger caused by light emission of the~~ white light source, shading a portion ~~part of the light passing through the color wheel corresponding to the increased size enlarged part of the condensed spot.~~

Claim 2 (**Currently Amended**) The projection display device of Claim 1, wherein;

the shading means comprises ~~is~~ a diaphragm having an opening of a predetermined size, through which the incident light is passed, and a width of the opening of the diaphragm with respect to a ~~the~~ rotational direction of the color wheel is set to be equal ~~equivalent~~ to or smaller than a diameter of a condensed spot which is formed on the color wheel at an initial use of the white light source.

Claim 3 (**Currently Amended**) The projection display device of Claim 1, wherein;
the shading means has a light passing part, and a size of the light passing part of
~~the shading means~~ varies according to a wavelength of the light which has passed through
the color selection means.

Claim 4 (**Currently Amended**) The projection display device of Claim 1, wherein
the shading means has a light passing part, and comprising:
the projection display device further comprises a light elimination means for
partially eliminating light of a specific wavelength band, from the light which is incident
on the light passing part of the shading means.

Claim 5 (**Currently Amended**) The projection display device of Claim 1, wherein;
the shading means is placed on an emission side of the color selection means.

Claim 6 (**Currently Amended**) The projection display device of Claim 1, wherein;
the shading means is placed at a 5 mm or smaller air gap apart from the color
selection means.

Claim 7 (**Currently Amended**) The projection display device of Claim 1, wherein;
the white light source is an extra-high pressure mercury lamp.

Claim 8 (**Currently Amended**) The projection display device of Claim 1, wherein;
the condensing means is an ellipsoidal mirror.

Claim 9 (**Currently Amended**) The projection display device of Claim 8, wherein;
the color selection means has a light passing surface or a light reflecting surface
~~which is located in a~~ the vicinity of a long focus of the ellipsoidal mirror.

Claim 10 (**Currently Amended**) The projection display device of Claim 1, wherein;
a plane that is orthogonal to an optical axis of the shading means is approximately
circular in cross section.

Claim 11 (**Currently Amended**) The projection display device of Claim 10, wherein, the shading means is approximately columnar.

Claim 12 (**Currently Amended**) The projection display device of Claim 10, wherein, the shading means is approximately conical.

Claim 13 (**New**) The projection display device of Claim 1, wherein each of the plurality of color filters is fan-shaped.